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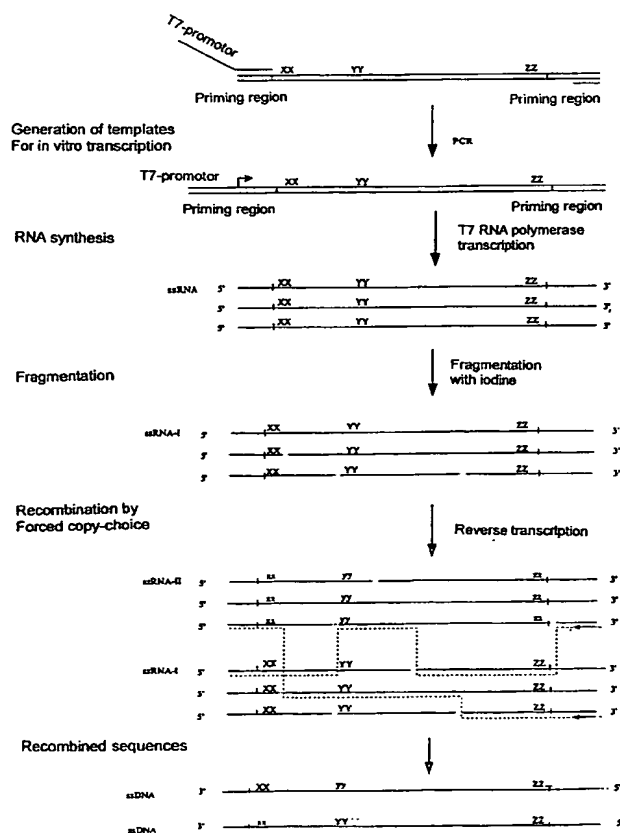
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(54) Title: GENE SHUFFLING BY TEMPLATE SWITCHING



(57) Abstract: The present invention provides a new approach to creating novel polynucleotide sequences by point mutation and recombination in vitro of a set of parental sequences. The new polynucleotide sequences can be useful in themselves or they can be used for the templated synthesis of polymers, e.g. polypeptides composed of α -amino acids as occurring naturally in protein synthesis or polymers comprised of β -amino acids or other building blocks as described (Templated molecules).

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